Datasheet elgato turbo.264

Features

First and foremost, Turbo.264 acts as a co-processor for your Mac, enabling you to quickly convert video to the processor-intensive H.264 format without using your Mac's resources. Turbo.264 also puts a new engine into your older (pre-Intel) Mac by dramatically accelerating the encoding process.

Turbo.264 comes with an easy "drag and drop" application. The application converts video that is not copy-protected one at a time or in a batch, and drops the converted file(s) into iTunes®, where they automatically synch with a connected iPod, Apple TV or iPhone. The Turbo.264 application also encodes video to a YouTube®-friendly format and uploads it to your YouTube account.

System Requirements

- Macintosh computer with PowerPC G4, PowerPC G5 or Intel Core processor
- 512 MB of RAM
- built-in USB 2.0 port
- Mac OS X 10.4 (or later, Mac OS X 10.5 Leopard recommended with all software and security updates installed)
- QuickTime 7.4 (or later)
- iTunes 7.5 (or later)

Connections

- USB 2.0, bus powered

Input formats

Applications using QuickTime export
- Any movie that QuickTime plays (through codecs that ship with QuickTime as well as codecs that are supplied by third-party components like Flip4Mac)

Turbo264 video converter software
- Any movie that QuickTime plays (through codecs that ship with QuickTime as well as codecs that are supplied by third-party components like Flip4Mac)
- MPEG Program Stream/System Stream (including unencrypted DVD/HD DVD content)

Output formats

Apple TV Video:
Video: H.264 Main Profile, 5 Mbps max., 800×600 max., 30 fps max.
Audio: AAC-LC, stereo, 128 Kbps, 48 kHz
(Note: If the source movie is larger than 800×600 it will be scaled to fit within 800×600 preserving aspect ratio. Resolution is maintained if 800×600 or smaller. Frame rate is maintained when 30 fps and smaller).
When exporting to Apple TV format, for sources that contain Dolby Digital™ AC-3 audio, the digital audio will be passed through into the resulting file.

iPod High Video:
H.264 Baseline Profile Low-Complexity, 1.5 Mbps max., 640×480 max., 30 fps max.
Audio: AAC-LC, stereo, 128 Kbps, 48 kHz.
(Note: If the source movie is larger than 640×480 it will be scaled to fit within 640×480 preserving aspect ratio. Resolution is maintained if 640×480 or smaller. Frame rate is maintained when 30 fps and smaller.)

iPod Standard Video:
H.264 Baseline Profile (up to Level 1.3), 768 kbps max. 320×240 max., 30 fps max.
Audio: AAC-LC, stereo, 128 Kbps, 48 kHz.
(Note: If the source movie is larger than 320×240 it will be scaled to fit within 320×240 preserving aspect ratio. Resolution is maintained if 320×240 or smaller. Frame rate is maintained when 30 fps and smaller.)

iPhone Video:
H.264 Baseline Profile (up to Level 1.3), 900 kbps max. 480×360 max., 30 fps max.
Audio: AAC-LC, stereo, 128 Kbps, 48 kHz.
(Note: If the source movie is larger than 480×360 it will be scaled to fit within 480×360 preserving aspect ratio. Resolution is maintained if 480×360 or smaller. Frame rate is maintained when 30 fps and smaller.)

Sony PSP Video:
H.264 Main Profile, 512 Kbps, 320×180/320×240, 30 fps.
Audio: AAC-LC, stereo, 128 Kbps, 48 kHz.
(Note: A source with 16:9 aspect ratio will produce a 320×180 destination movie while a 4:3 video results in a 320×240 file.)

YouTube Video:
H.264 Baseline Profile (up to Level 1.3), 300 kbps, 320×240, 30 fps max.
Audio: AAC-LC, stereo, 128 Kbps, 48 kHz.
(Note: If the source movie is larger than 320×240 it will be scaled to fit within 320×240 preserving aspect ratio. Resolution is maintained if 320×240 or smaller. Frame rate is maintained when 30 fps and smaller.)

Compatible Devices

- Video-enabled devices that connect to iTunes (Apple TV, 5th Generation iPod or better, iPhone)
- Sony PSP

Size and weight

- Height: 30 mm
- Width: 85 mm
- Depth: 12 mm
- Weight: 35 g

Enclosed you will find

- Turbo.264 video encoder hardware
- Turbo.264 video converter software (CD-ROM)
- USB cable
- Quick Start Guide

YouTube™